IN THE CLAIMS:

Please rewrite claims 1 and 18, as set forth below in clean form. Additionally, in accordance with 37 CFR 1.121 (c)(1)(ii), amended claims 1 and 18 is set forth in a Marked Up Version in the pages attached to this amendment.

1. (Twice Amended) A method for non-destructively evaluating a specimen for the presence of kissing unbond defects, comprising the steps of:

heating the specimen;

applying a force to the specimen, wherein the magnitude of the force is sufficient to exacerbate a thermal discontinuity caused by a purely subsurface kissing unbond defect of said specimen; and

generating an infrared image to detect the presence of a purely subsurface kissing unbond defect .

18. (Twice Amended) An apparatus for non-destructively evaluating a specimen for the presence of kissing unbond defects comprising:

a heat-sensitive image generator that generates thermographic images;

a heater that increases the temperature of the specimen; and

means for applying a force to the specimen, wherein the applying means changes at least one dimension of a purely subsurface kissing unbond defect in the specimen to create a thermal discontinuity.

Please add the following new claim.

R1.126 ~~24.~~ (New) A method for non-destructively evaluating a specimen for the presence of kissing unbond defects, comprising the steps of:

heating the specimen;

applying a force to the specimen, wherein the magnitude of the force is sufficient to exacerbate a thermal discontinuity caused by a purely subsurface kissing unbond defect of said specimen; and